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PACKING AND ITS MANUFACTURE

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ABSTRACT

PROBLEM TO BE SOLVED: To seal multiple-stage sealed surface with one packing, by providing plural wave-shaped lips' part which has a first lip projecting diagonally from an annular mounting part and a second lip which refracts and projects diagonally from the top part, and by forming a seal part on the inclined surface of the top part of each lip .

SOLUTION: A first lip 5 projecting diagonally in the inner diameter direction is formed on an inner peripheral surface 4 of a mounting part 2 which is mounted to a bearing 15 of a packing 1, and a seal part 8 projecting to an inclined surface 7 is formed at the top part 6 of the lip . The seal surface 8a of the top of the seal part 8 is formed at the edge part combining with a shaft 16. In addition, a second lip 9 which is refracted from the top part 6 of the first lip 5 has a shape similar to that of the first lip 5, a third seal part 8 is also formed on a third lip 10 which is refracted from the top part 6 of the second lip , and the third seal part 8 is tightly contacted with the shaft 16. Then, these first, second, and third lips 5, 9, 10 are formed radially in a wave shape to constitute plural lips' part 11.

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